



SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.

Application No. 10/812,509

1/21

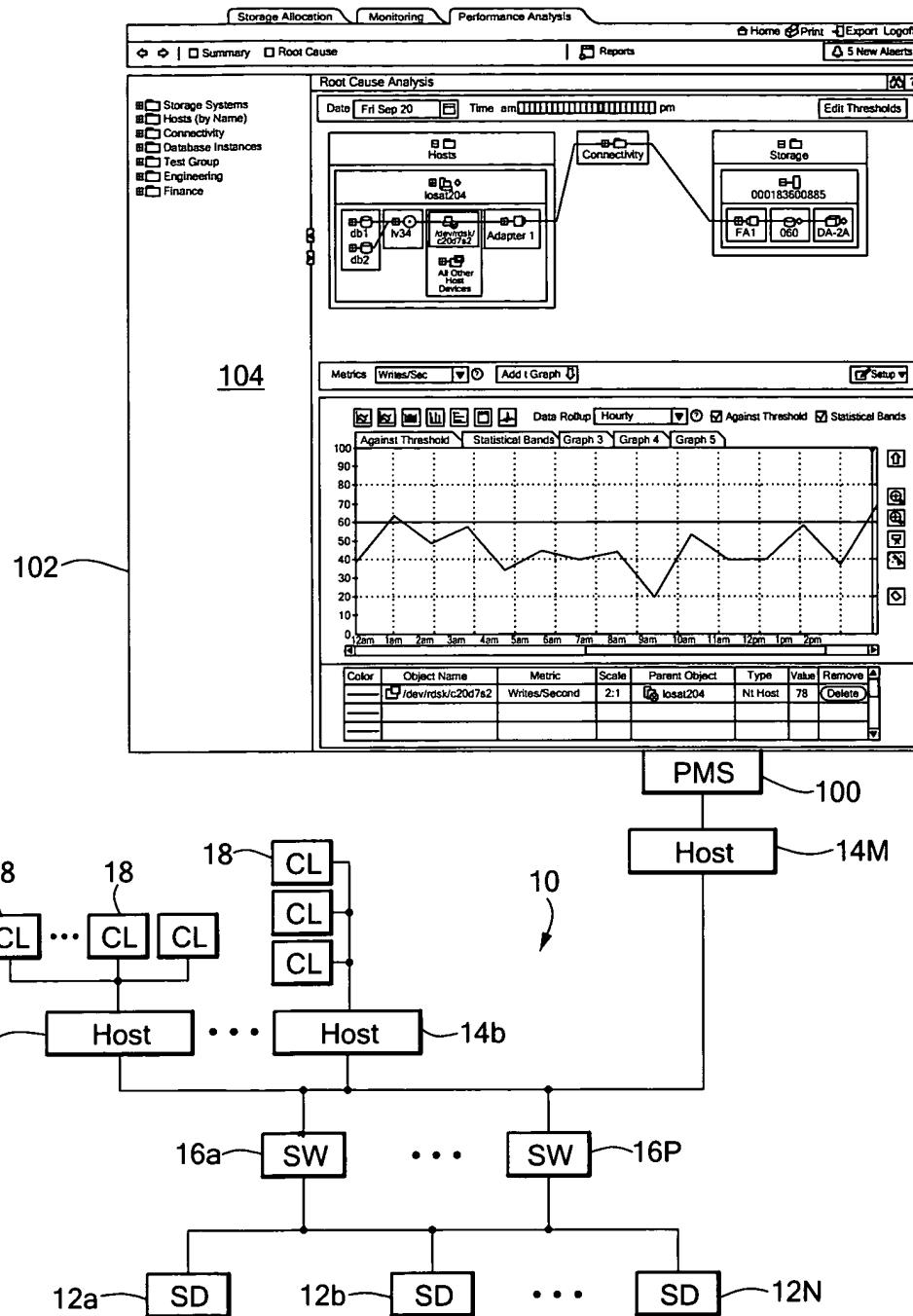


FIG. 1

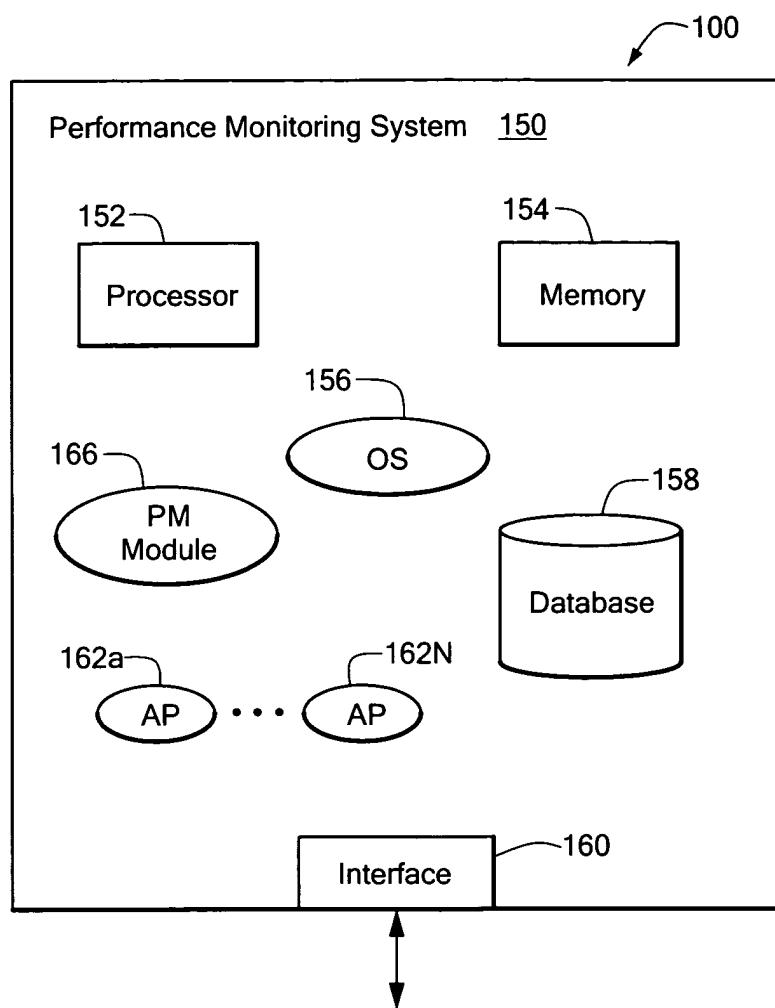


FIG. 2

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.
Application No. 10/812,509

3/21

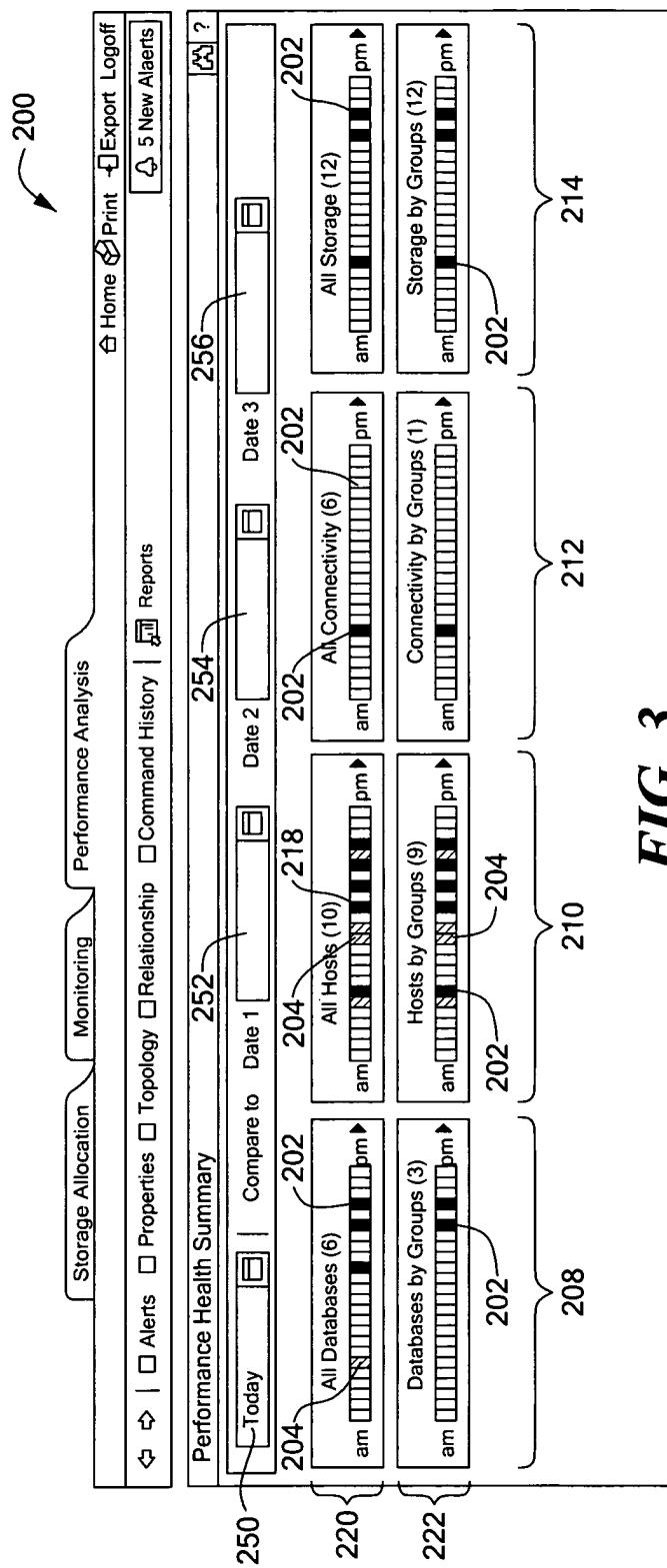


FIG. 3

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.

Application No. 10/812,509

4/21

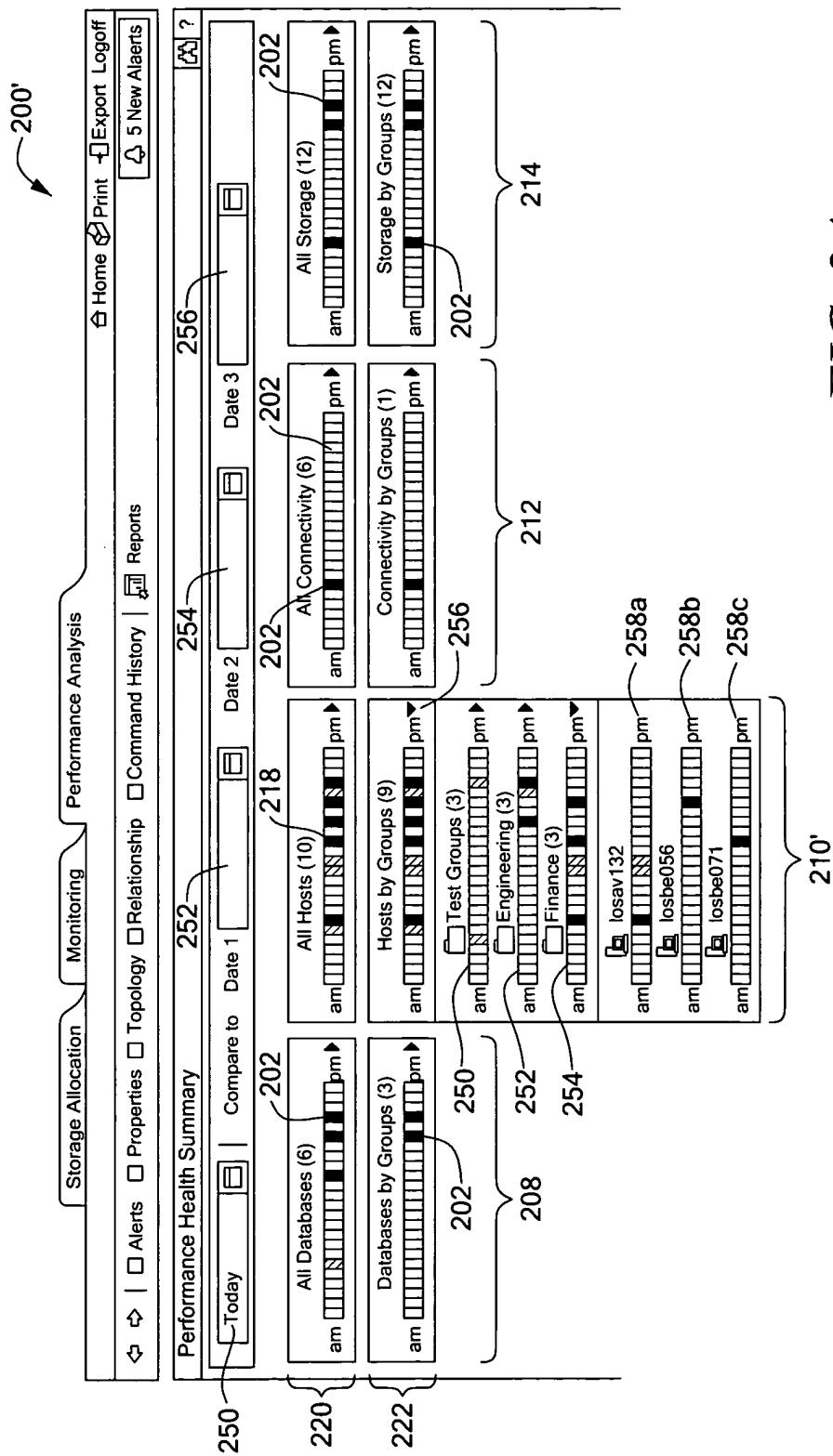


FIG. 3A

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.
Application No. 10/812,509

5/21

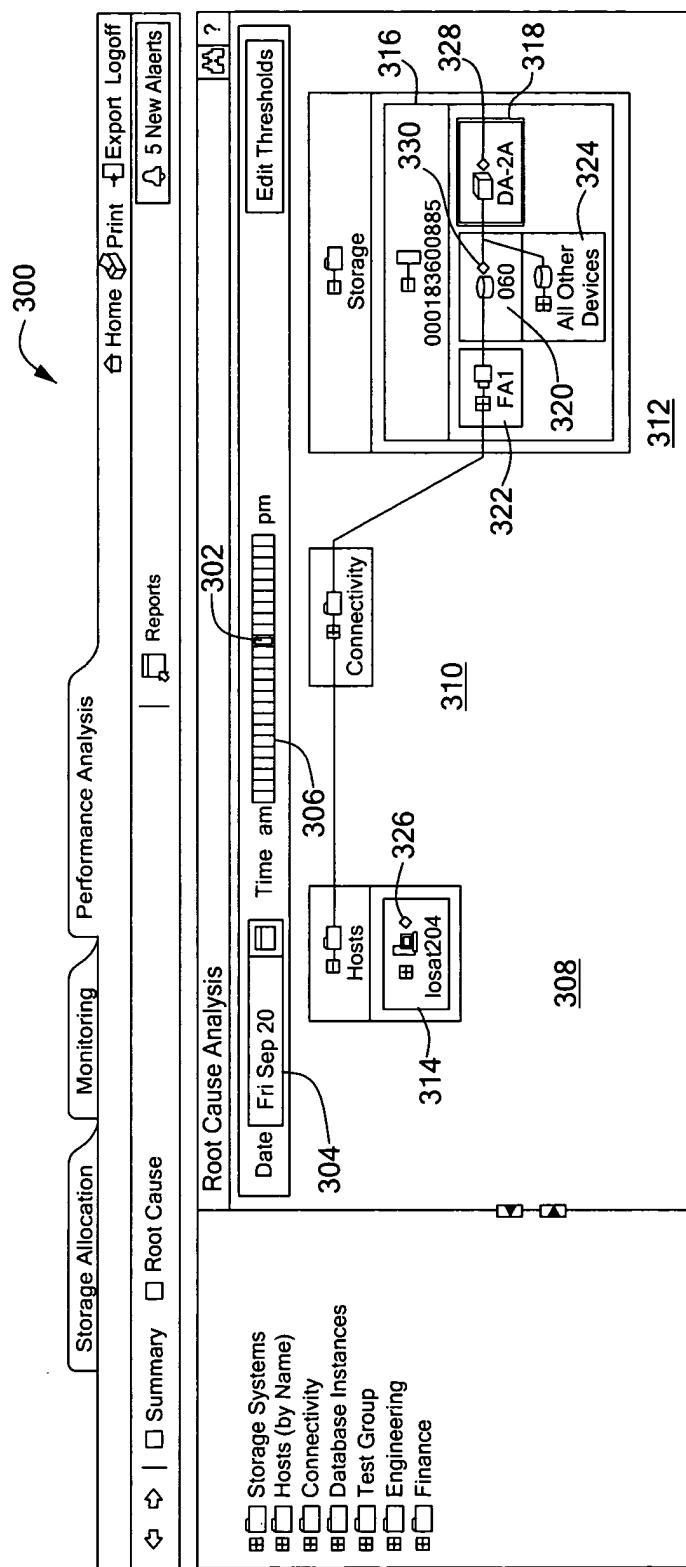


FIG. 4

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.
Application No. 10/812,509

6/21

380

382

384

386

388

390

392

Alerts

Object Name	Message	Created	Category	Acknowledged By
Lovas132	ESNAPI get_element_serial_numberfailed	Thu Sep 19 11:15...	Health,General	
MVS7	IBM_VTS:Average virtual volume mount=...	Fri Sep 20 14:04:32	Performance,Host	
/dev/irdisk/c20d7s2	Threshold exceeded on Response Time	Fri Sep 20 14:04:32	Performance,Host	
losat204	No WAL Archiver Agents found in Compo...	Fri Sep 20 07:55:38	Health,General	
boroditskyxxa	Logon failure: Invalid Username/Password co...	Wed Sep 25 15:11...	Health,Server	
losav132	No VCM-enabled storage arrays detected. Ve...	Fri Sep 20 17:00:28	Health,Server	eccadmin
losbet71	Volume vg01:dev102(R) is unpaired.	Thu Sep 19 20:00...	Health,General	eccadmin
losbe071	Volume vg01:dev102(L) is unpaired.	Fri Sep 20 14:04:32	Performance,Host	eccadmin
MVS7	IBM_VTS:VTS\$VTS1 not collecting enhanced...	Fri Sep 20 15:15:20	Performance,Host	eccadmin
MVS7	IBM_VTS:Maximum virtual volume mount=3...	Fri Sep 20 17:05:01	Health,Server	eccadmin
boroditskyxxa	User eccadmin has logged off from ECC	Fri Sep 20 17:35:04	Health,Server	eccadmin
boroditskyxxa	User eccadmin has successfully logged onto...	Fri Sep 20 17:15:32	Health,General	eccadmin
losat200	Collection for "WLA Daily 00" started for clarii...	Fri Sep 20 14:25:31	Health,Server	eccadmin
MVS7	IBM_VTS:VTS\$VTS1 cache miss percentage...	Mon Sep 30 08:15...	Health,General	eccadmin

FIG. 4A

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.

Application No. 10/812,509

7/21

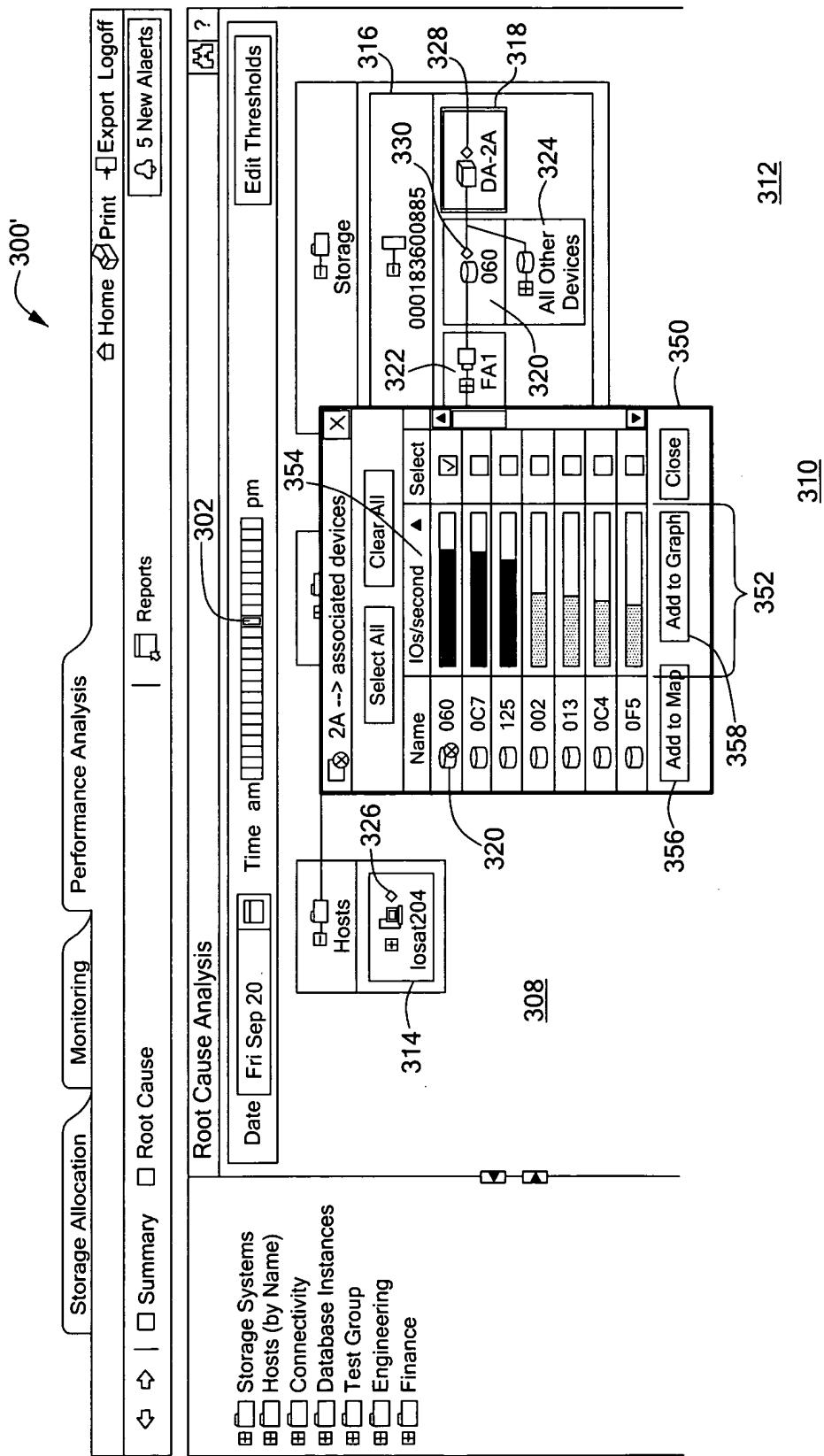


FIG. 5

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.

Application No. 10/812,509

8/21

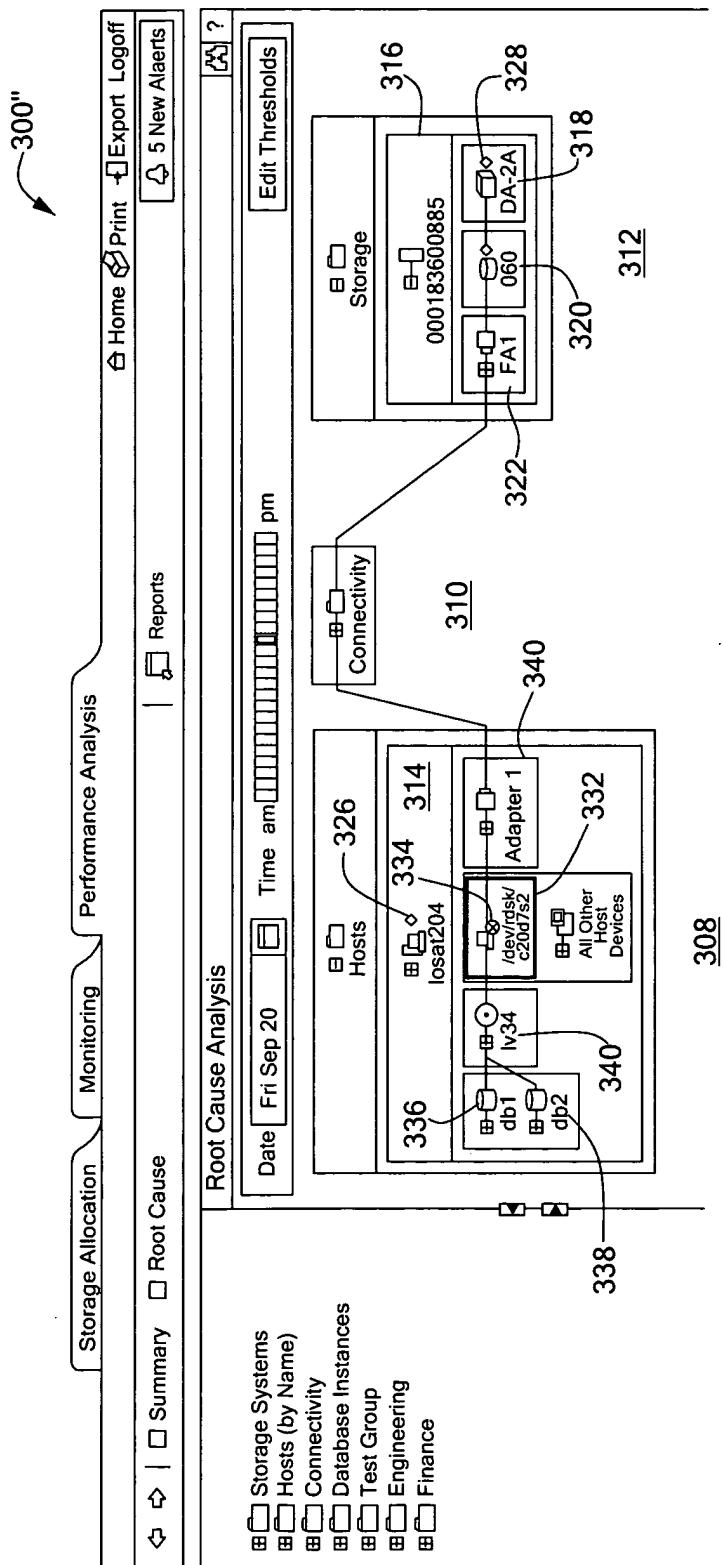


FIG. 6

9/21

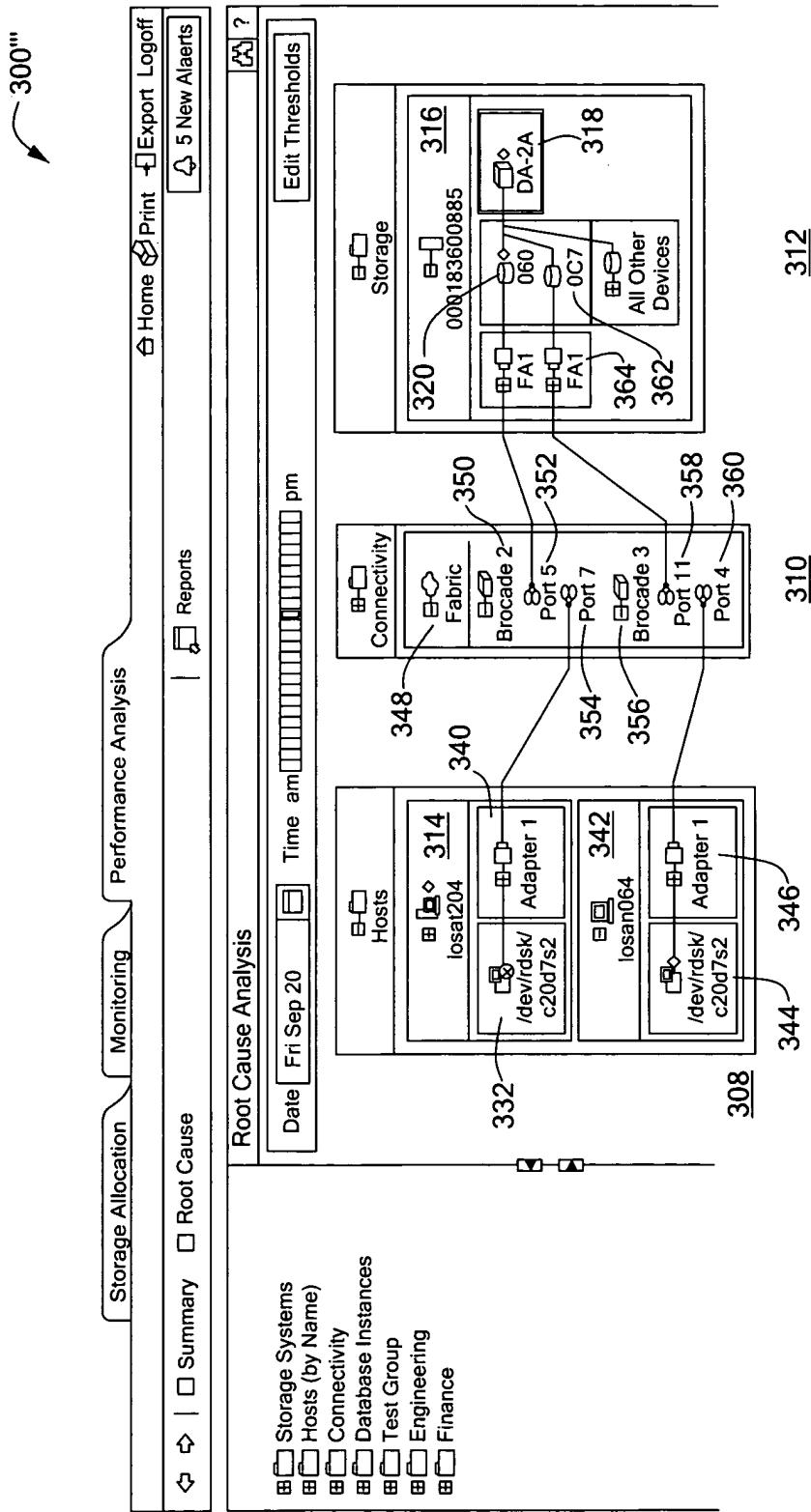


FIG. 7

10/21

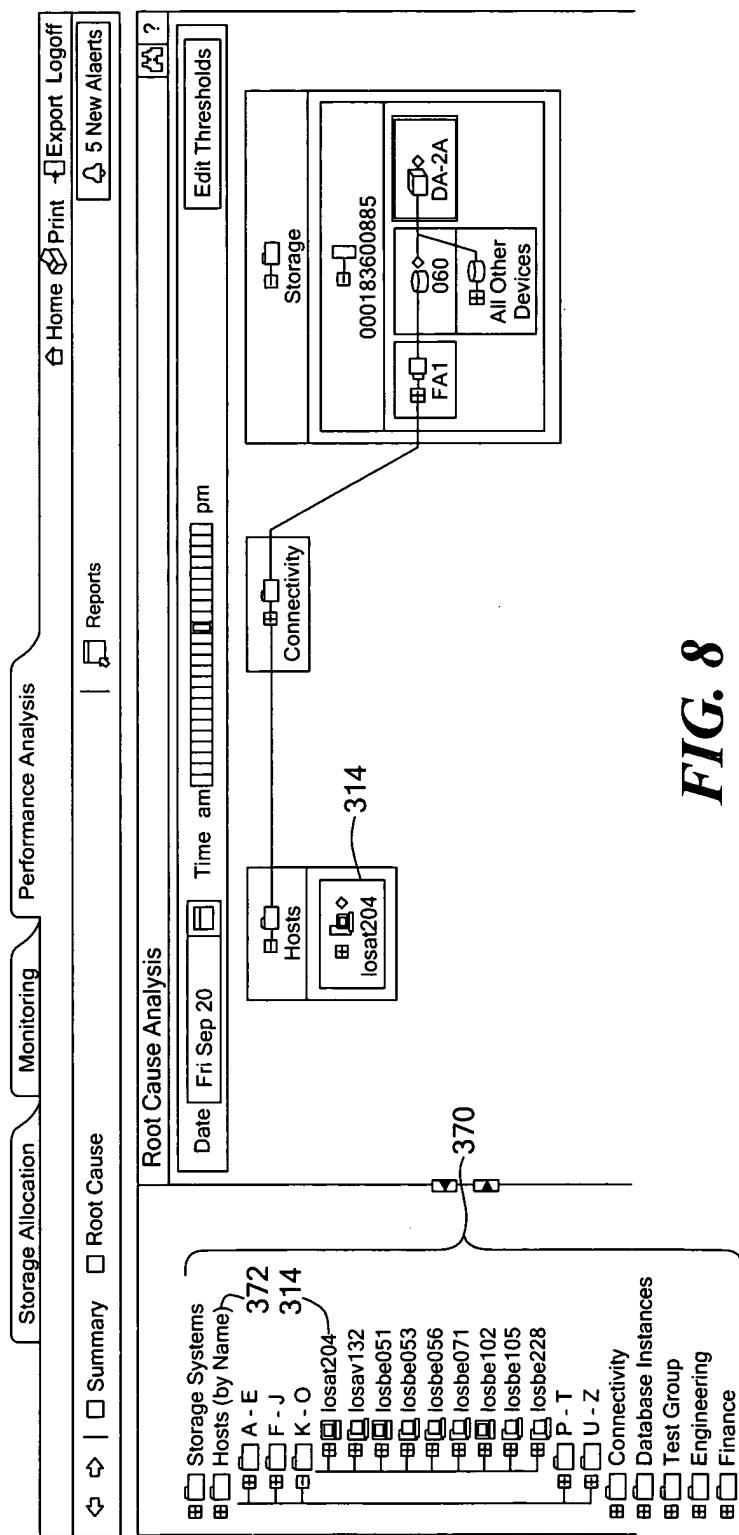


FIG. 8

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.
Application No. 10/812,509

11/21

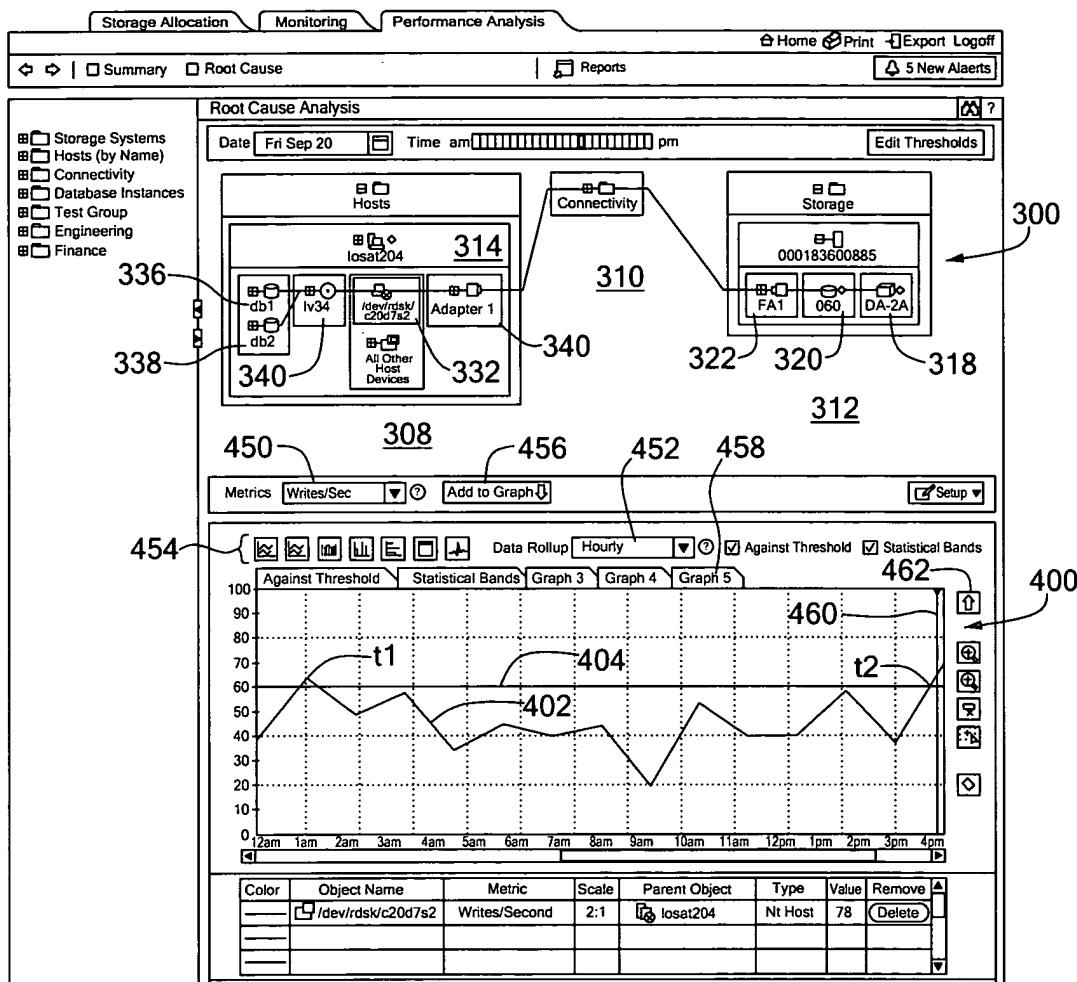


FIG. 9

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION
 Lee W. Sapiro, et al.
 Application No. 10/812,509

12/21

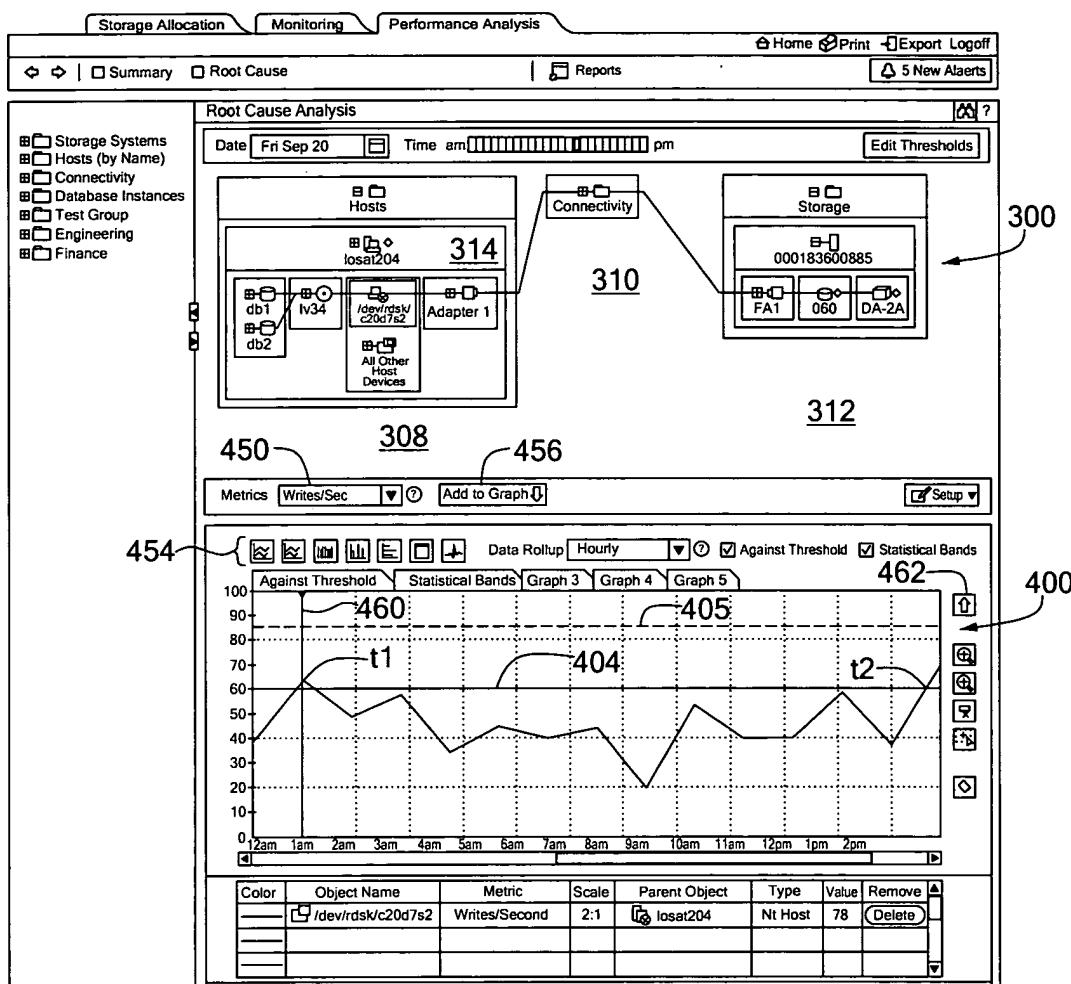


FIG. 9A

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.
Application No. 10/812,509

13/21

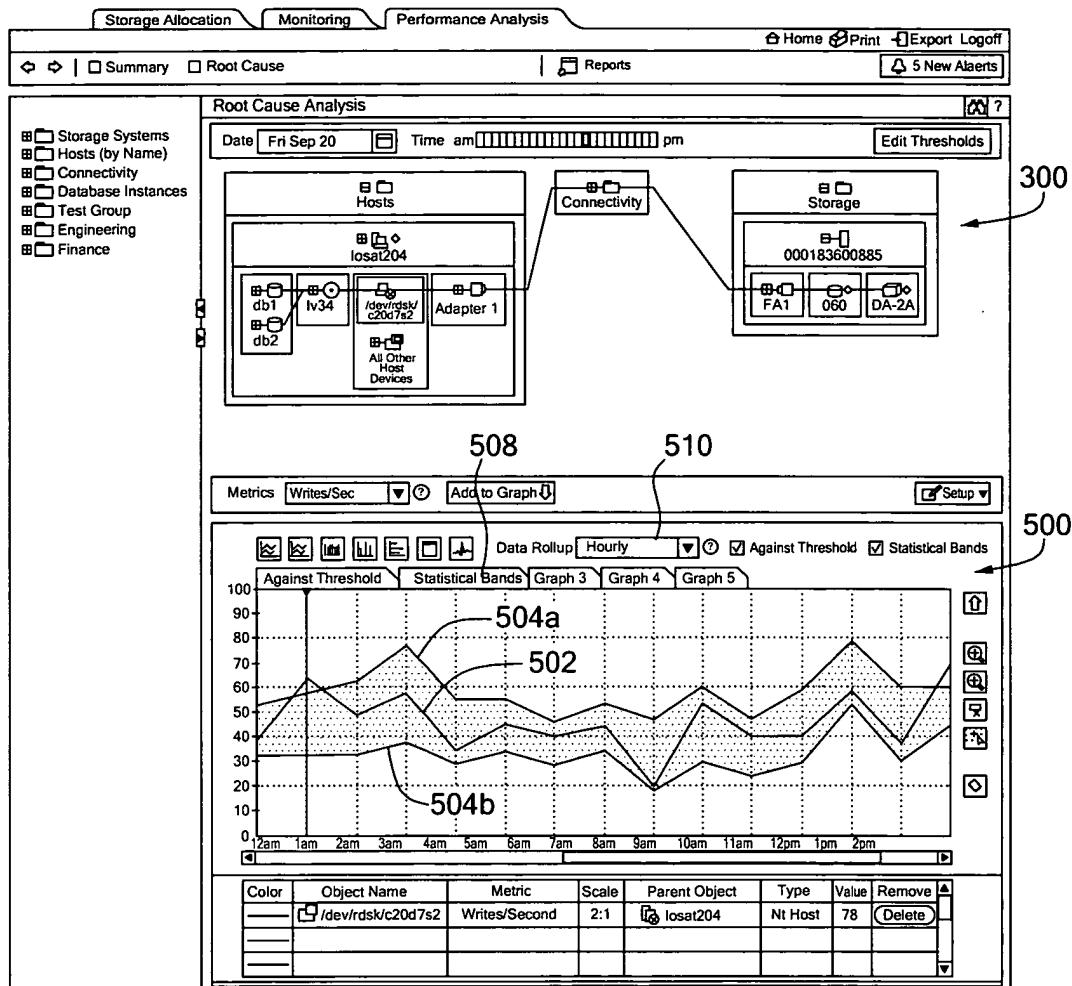


FIG. 10

14/21

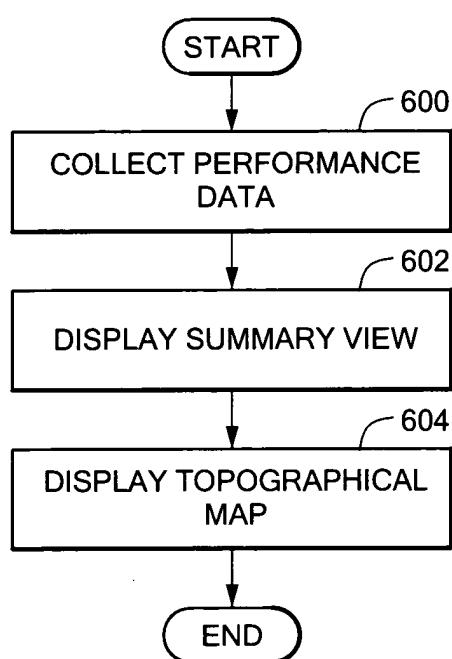


FIG. 11

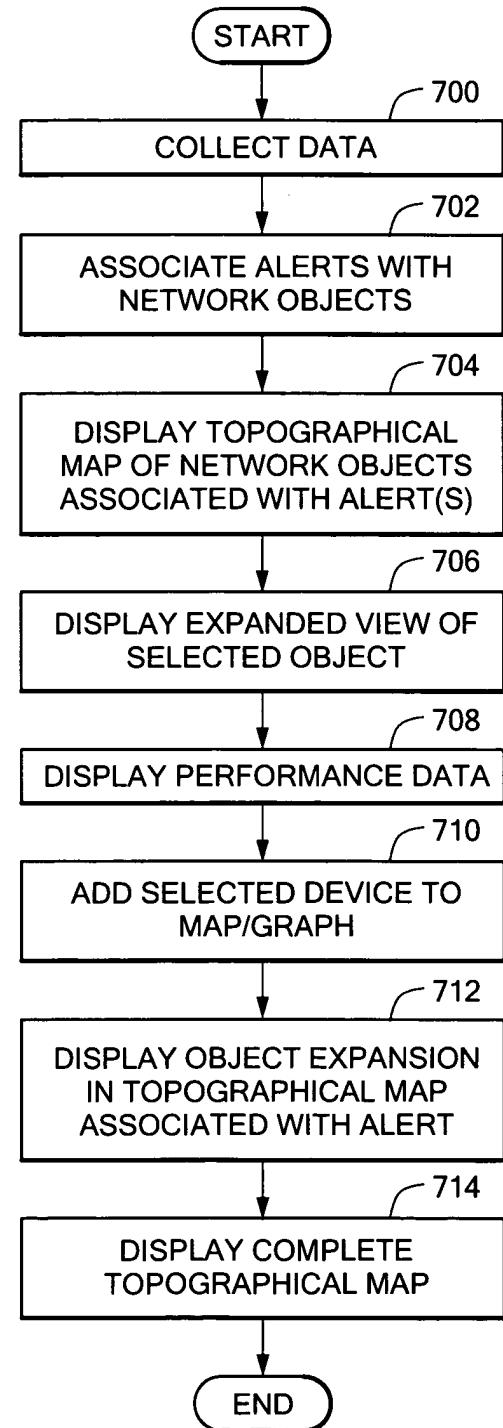


FIG. 12

15/21

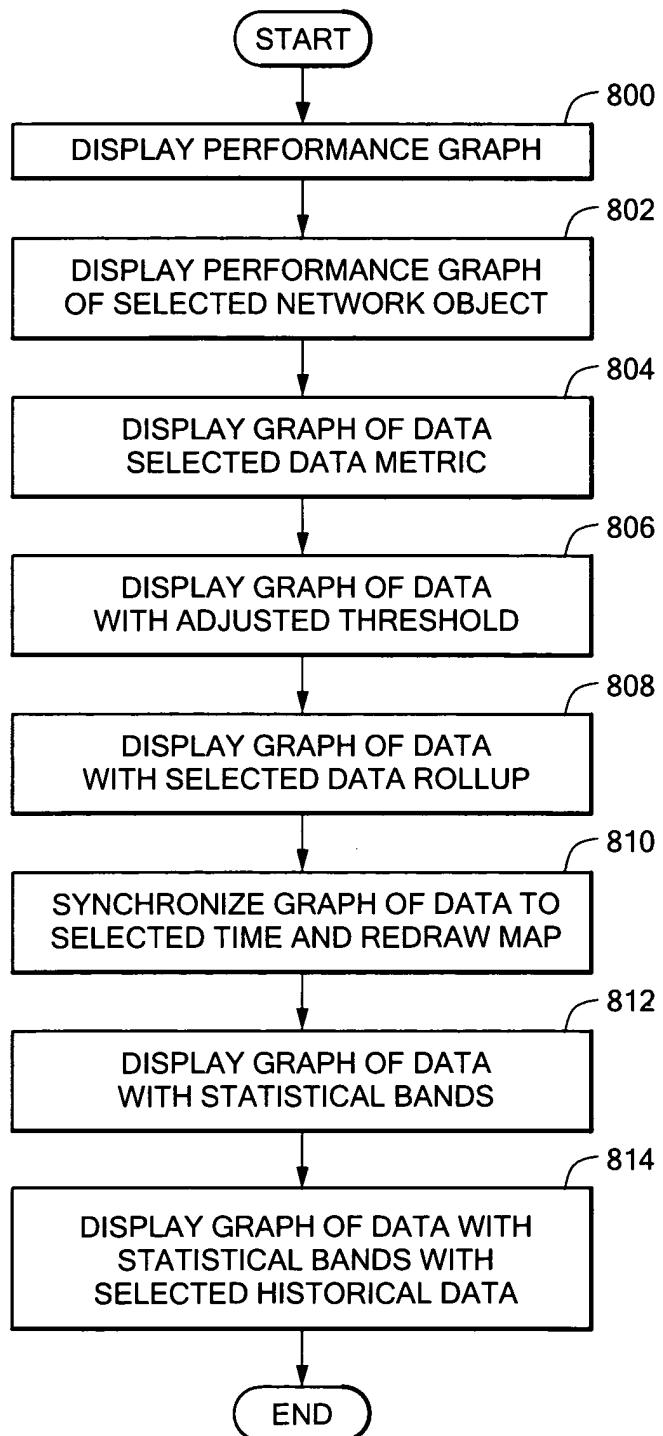


FIG. 13

16/21

Performance Threshold Wizard

Selected Objects and Metrics
Select an object type or an individual object below.

Object Type:
1002 Symmetric Disk ▼ or Object Type:
1004 DA-1AOC 

Please select a metric: 1006
Metrics: Response Time ▼ Please select a metric: 1008
Greater or Equa ▼ to set threshold
and (optional) 1014

Metrics: None ▼ 1010 ----- ▼ 1012 to set threshold

A threshold can be triggered when an object exceeds a single metric or a combination of metrics.

Click next to continue...

 Back  Next  Cancel  Help

FIG. 14

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.

Application No. 10/812,509

17/21

1100

Performance Threshold Wizard

Selected Threshold Settings Method

Select a method for setting threshold values.

Set threshold values: For the whole day 1102a

For each hour of the day 1102b

1102 Based on historical data 1102c

1104 { Apply to:
Mon Tues Wed Thurs Fri Sat Sun

Click next to continue...

Back Next Cancel Help

FIG. 15

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.
Application No. 10/812,509

18/21

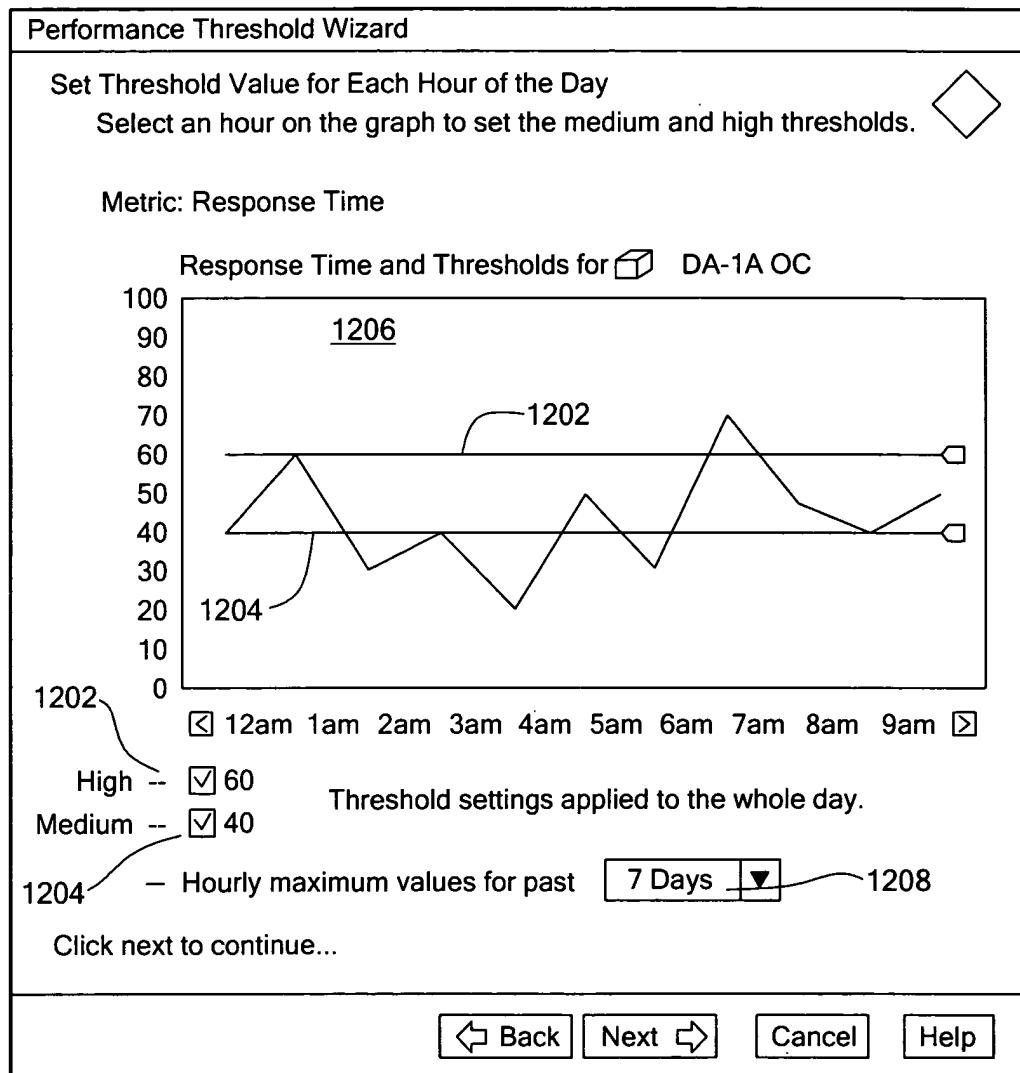


FIG. 16

19/21

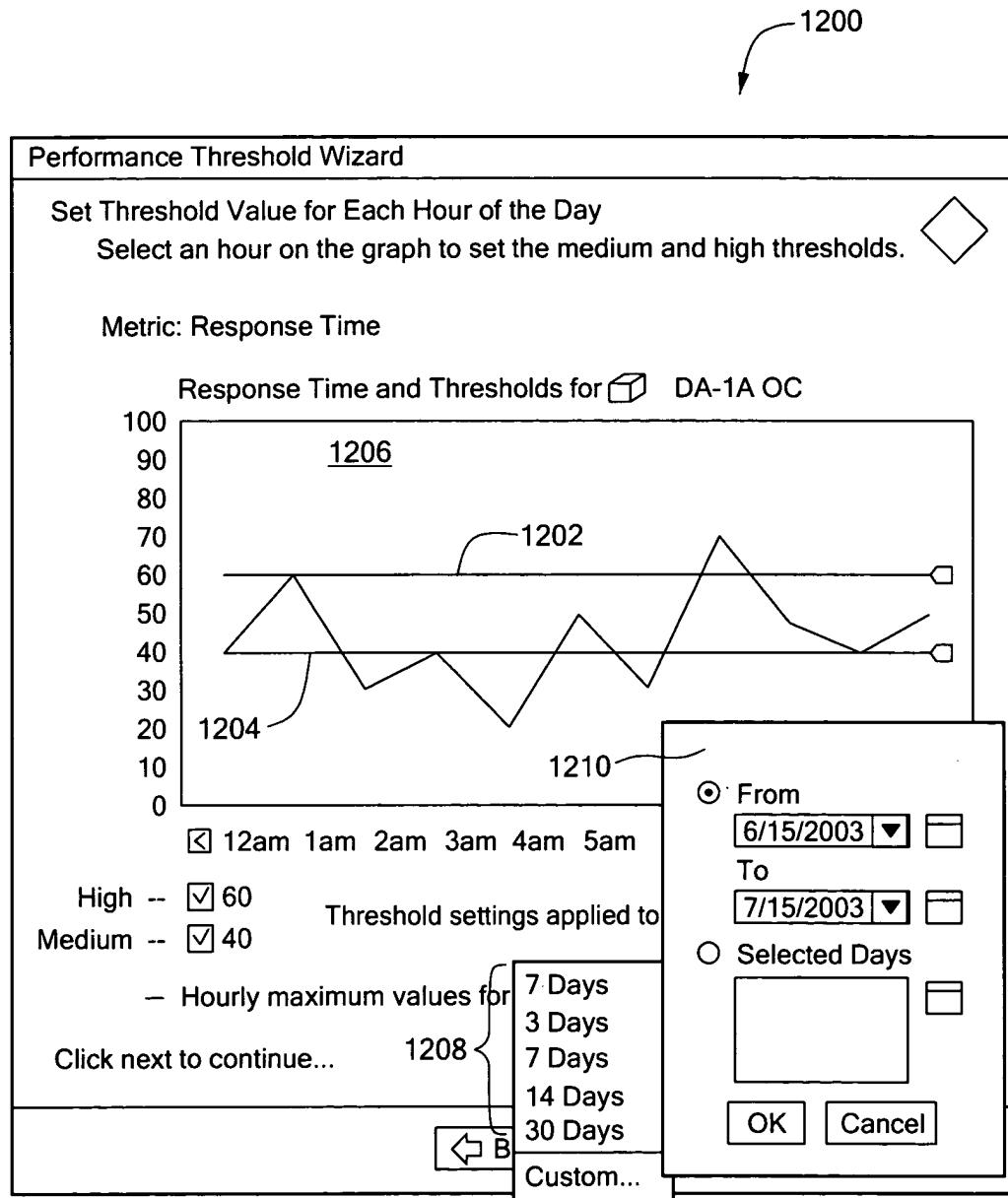


FIG. 16A

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.
Application No. 10/812,509

20/21

1300
↓

Performance Threshold Wizard

Set Threshold Value for Each Hour of the Day

Select an hour on the graph to set the medium and high thresholds.

Metric: Response Time

Response Time and Thresholds for DA-1A OC

Hour	High	Medium
1302a	60	36
1302b	52	32
1302c	64	44
1302d	70	50
1302e	71	51
1302f	60	40
1302g	40	20
1302h	38	18
1302i	47	37
1302j	48	27

1308

1304

1306

12am 1am 2am 3am 4am 5am 6am 7am 8am 9am

High -- 60 52 64 70 71 60 40 38 47 48 >

Medium -- 36 32 44 50 51 40 20 18 37 27 >

– Hourly maximum values for past 7 Days

Click next to continue...

FIG. 17

SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

Lee W. Sapiro, et al.

Application No. 10/812,509

21/21

1400

Performance Threshold Wizard

Review New Threshold Settings

Please confirm threshold changes and click "Finish" to save.

New Thresholds	Object Name	Metric	Threshold Method	Review	Alert
Existing Thresholds	DA-1A OC	Response Time Writes/second	Hourly Thresholds	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

To receive an alert in the Alerts view when thresholds trigger, check the box in the row of the threshold.

Back Next Cancel Help

FIG. 18